on .

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

entitled:
Polypeptides Having Glucose Isomerase Activity And Nucleic Acids Encoding Same
the specification of which (check only one item below):
[] is attached hereto
[X] was filed as United States application
Application No. to be assigned
on <u>August 26, 1999</u> ,
and was amended
on

[] was filed as PCT international application

Number _____

and was amended under PCT Article 19

I hereby state that I have reviewed and understand the contents of the above-identified

specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim priority benefits under Title 35, United States Code, §119 of any provisional or foreign applications(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign applications(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR U.S. PROVISONAL,	/FOREIGN/PCT	APPLICATION(S)	AND ANY	PRIORITY	CLAIMS	UNDER 35 U.S	.C. 119:
COUNTRY			DATE	OF FILING		PRIORITY (CLAIMED

COUNTRY (if PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119		
Tunisia	SN 99.100	26 May 1999	[x] YES [] NO		
			[] YES [] NO		
			[] YES [] NO		
			[] YES [] NO		
			[] YES [] NO		
			[] YES [] NO		

ttorney's Docket Number:

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this applications is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:

U.S. APPLICATIONS				ST	STATUS (Check one)			
U.S. APPLICATION N	MBER	ָט	.S. FILING DATE	Patented Pending Abando				
PCT APPLICATIONS DESIGNATING THE U.S.					***			
APPLICATION NO.	APPLICATION NO. FILING DATE		US SERIAL NUMBERS ASSIGNED (if any)					

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

 Steve T. Zelson
 Elias J. Lambiris
 Valeta A. Gregg
 Carol E. Rozek
 Robert L. Starnes
 Reza Green

 Reg. No. 30,335
 Reg. No. 33,728
 Reg. No. 35,127
 Reg. No. 36,993
 Reg. No. 41,324
 Reg. No. 38,475

-								
	end Corresponde	Novo Nordisk of North Amer 405 Lexington Avenue, Suite New York, New York 10174-6	Direct Telephone Calls To: Steve T. Zelson (212) 867-0123					
1	Full Name of Inventor	Pamily Name Belghuith	First Given Name Karima	Second Given Name Srih				
	Residence & Citizenship	city Sfax	State or Poreign Country Tunisia	Country of Citizenship Tunisian				
	Post Office Address	Poet office Address Route de Teniour Km 1.5 Rue 353 Maisoon 28	Rue 353 Maisoon 28 Sfax	State & Zip Code/Country Tunisia				
2	Full Name of Inventor	Pamily Name Mezghani	Pirst Given Name Monia	Second Given Name				
	Residence & Citizenship	city Sfax	State or Poreign Country Tunisia	Country of Citizenship Tunisian				
	Post Office Address	Post office Address Route de Teniour Km 6.5 Cite Nozha No 1 Chehia	City Cite Nozha No 1 Chehia Sfax	State & Zip Code/Country Tunisia				
3	Full Name of Inventor	Pamily Name Ellouz	Piret Given Name Radhouane	Second Given Name				
	Residence & Citizenship	city Sfax	State or Poreign Country Tunisia	Country of Citizenship Tunisian				
	Post Office Address	Post Office Address 3 Rue Immam Sahnoun	city Sfax	State & 21p Code/Country Tunisia				
4	Full Name of Inventor	Pamily Name Bejar	First Given Name Samir	Second Given Name				
	Residence & Citizenship	city Sfax	State or Poreign Country Tunisia	country of Citizenship Tunisian				
	Post Office Address	Poet Office Address Route de Soukra Km 4 Avenue de la Jourdanie Lot Faiza 3052	city Sfax	State 4 21p code/Country Tunisia				

OM (In	BINED DECLA cludes Refe	RATION FOR PATER		ON AND POWER OF ATTORN applications)		1.200-US						
	Full Name of Inventor	Pamily Name		Pirst Given Name		Second Given Name						
	Residence & Citizenship	City		State or Foreign Country		Country of Citizenship						
	Post Office Address	Post Office Address		City		State & Zip Code/Country						
5	Full Name of Inventor	Family Name		First Given Name		Second Given Name						
	Residence & Citizenship	City		State or Foreign Country		Country of Citizenship						
	Post Office Address	Post Office Address Family Name City		City Pirst Given Name State or Foreign Country		State & Zip Code/Country						
'	Full Name of Inventor					Second Civen Name						
	Residence & Citizenship					Country of Citizenship						
	Post Office Address	Post_Office_Address				State &-Zip-Code/Country						
	Full Name of Inventor	Pamily Name		Pirst Given Name		Second Given Name						
	Residence & Citizenship	City		State or Foreign Country		Country of Citizenship						
	Post Office Address	Post Office Address		City		State & Zip Code/Country						
'	Full Name of Inventor	Family Name		First Given Name		Second Given Name						
	Residence & Citizenship	City		State or Foreign Country		Country of Citizenship						
	Post Office Address	Post Office Address		City		State & Zip Code/Country						
	information that will section 10 validity o	on and belief are believ ful false statements ar 001 of Title 18 of the U	red to be true and the like so inited States any patent isso	; and further that these state o made are punishable by fine Code, and that such willful fauing thereon.	ments we or im	ere made with the knowledge prisonment, or both, under atements may jeopardize the						
Signature of Inventor 1		Signature of Inventor 2 Sig		Signatu	Signature of Inventor 3							
Date		Date		Date								
Signature of Inventor 4		Signature of Inventor 5		Signature of Inventor 6								
Date . Signature of Inventor 7		Date Signature of Inventor S Date		Date Signature of Inventor 9 Date								
							gnati	Includes Referred in Full Name of Inventor Residence & Citizenship Post Office Address Full Name of Inventor Residence & Citizenship Post Office Address Full Name of Inventor Residence & Citizenship Post Office Address Full Name of Inventor Residence & Citizenship Post Office Address Full Name of Inventor Residence & Citizenship Post Office Address Full Name of Inventor Residence & Citizenship Post Office Address I hereby of informatic that will section 10 validity of the control of the contro	Full Name of Inventor Residence & City Post Office Address Full Name of Inventor Residence & City Full Name of Inventor Residence & City Citizenship Post Office Address Full Name of Inventor Residence & City Citizenship Post Office Address Full Name of Inventor Residence & City Citizenship Post Office Address Full Name of Inventor Residence & City Citizenship Post Office Address Full Name of Inventor Residence & City Citizenship Post Office Address Full Name of Inventor Residence & City Citizenship Post Office Address Full Name of Inventor Residence & City Citizenship Post Office Address I hereby declare that all statements and belief are believed that willful false statements are section 1001 of Title 18 of the Unvalidity of the application or an application and application or an application and application application and application application and application application and application and application application and application application applicati	Full Name Family Name Family Name Fost Office Address	Full Name Family Name Fa	Full Name of Inventor Funt Office Address Funt Office Addres